



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

JMH

42-003-00002
00032

February 12, 2018

Ms. Karen M. Sagel
Allegheny County Health Department
Department of Air Quality
301 Thirty-Ninth Street
Pittsburgh, PA 15201

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FEB 20 2018

Air Protection Division

Subject: USS Reference Number: 18-0012
ACHD Reference Number: 20898
USS Clairton Works

Dear Ms. Sagel,

The attached form confirms our verbal report of the subject incident and satisfies the requirements of paragraph IV.8 of the Title V operating permit #0052 as issued on March 27th 2012.

I certify that based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. Any questions concerning this matter should be referred to Jonelle S. Scheetz at 412-233-1015.

Sincerely,

Michael S. Rhoads
Plant Manager
Clairton Works

cc: James W. Hagedorn (USEPA)

NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 18-0012
ACHD Reference Number: 20898
2. Date & Time of Breakdown: Date: 02/08/18 Time: 1048 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: H2S grain limit exceeded.
5. BAPC Permit Number (if applicable): #0052
6. Location: Clairton, PA
7. Nature and cause of breakdown: An axi compressor tripped off-line due to an electrical failure which resulted in the H2S grain limit being exceeded.
8. Identification of Emissions:
 - A. Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)
Elevated H2S in the down river gas line system, causing increased SO2 at points of combustion.
 - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). Eye, Nose and Throat Irritant.
 - C. Amount of each type emitted (or likely to be emitted).
Light to Moderate.
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).
The electrical problem was resolved.
10. Facility back in operation - Date: 02/08/18 Time: 1320 hours

Reviewed by  Date 2/12/18
Jonelle S. Scheetz
Environmental Control Engineer Phone: 412-233-1015